

Converting Colors

XYZ(48.3750, 38.2734, 30.0775)

Have a look what the booklet for
XYZ(48.3750, 38.2734, 30.0775)
contains.

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Color

**XYZ(48.4468, 38.3414,
30.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8C8D
RGB	235, 140, 141
RGB Percent	92%, 55%, 55%
CMY	0.0784, 0.4510, 0.4471
CMYK	0.00, 0.40, 0.40, 0.08
HSL	359°, 70%, 74%
HSV	359°, 40%, 92%
XYZ	48.4468, 38.3414, 30.0465
YIQ	168.5190, 56.2990, 20.4510

Conversions

Conversions Part 2

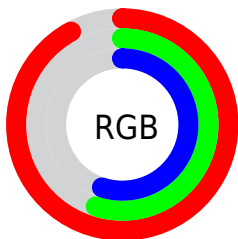
Format	Color
R _Y B	235, 140, 141
Decimal	15436941
CIE Lab	68.27, 36.16, 15.09
CIE LCh	68, 39.185, 22.644
Yxy	38.3414, 0.4147, 0.3282
Android (android.graphics.Color)	4293627021 (0xFFEB8C8D)
YUV	168.5190, -13.5669, 58.3038
Hunter-Lab	61.9204, 31.2984, 14.5742

Details

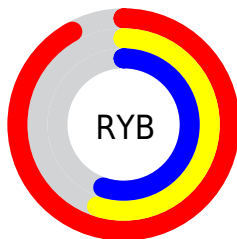
The XYZ color **48.4468, 38.3414, 30.0465** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.3767, 70.9336, 88.6188**, and the grayscale version is **37.5209, 39.4749, 42.9882**.

A 20% lighter version of the original color is **70.6054, 64.2303, 60.3061**, and **23.2825, 16.9649, 11.9450** is the 20% darker color. If you saturate the color by 10%, you get **43.8199, 31.5720, 20.8453**, and if you desaturate by 10%, it is **54.1722, 46.7263, 41.4067**.

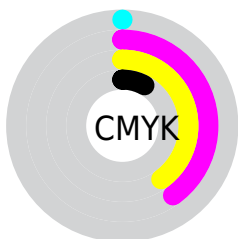
Distribution



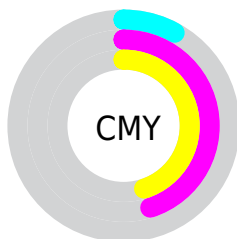
- Red (92%)
- Green (55%)
- Blue (55%)



- Red (92%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4468, 38.3414, 30.0465 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.4468, 38.3414, 30.0465 by changing the saturation by 10% instead.


 48.4468, 38.3414,
30.0465


 48.4468, 38.3414,
30.0465


371.1136,
339.0822, 316.3352


 34.3936, 26.2478,
19.6215


 87.0749, 72.6311,
60.7976

 23.3604, 17.0091,
11.9389


 112.3806, 95.5960,
81.9608

 14.9820, 10.2410,
6.5800


 142.1677,
122.9534, 107.5405

 8.8930, 5.5590,
3.1264

176.8017,
155.0877, 137.9552

 4.7280, 2.5788,
1.1596

216.6480,
192.3834, 173.6235

 2.1217, 0.9160,
0.0000

262.0718,

 0.7010, 0.0000,

235.2247, 214.9639

0.0000

313.4385,
283.9962, 262.3949

■ 0.0000, 0.0000,
0.0000

■ 48.4468, 38.3414,
30.0465

■ 48.4468, 38.3414,
30.0465

■ 43.8199, 31.5720,
20.8453

■ 54.1722, 46.7263,
41.4067

■ 40.2185, 26.3090,
13.6645

■ 61.0569, 56.8152,
55.0482

■ 37.5654, 22.4390,
8.3528


■ 69.1609, 68.6971,
71.0869

■ 35.7714, 19.8299,
4.7369

■ 78.5393, 82.4529,
89.6300

■ 34.7303, 18.3246,
2.6111

■ 88.0710, 96.4022,
108.5734

 34.2745, 17.6676,
1.6744

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.4353, 38.3414, 46.2228



48.4468, 38.3414, 30.0465



44.0771, 38.3414, 20.2430

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.4468, 38.3414, 30.0465



27.8485, 38.3414, 24.4235



34.9531, 38.3414, 85.0052

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.4468, 38.3414, 30.0465



55.3767, 70.9336, 88.6188

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.7444, 38.3414, 74.7629



48.4468, 38.3414, 30.0465



25.9523, 38.3414, 37.5703

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.4468, 38.3414, 30.0465



32.0876, 38.3414, 17.6894



26.6053, 38.3414, 56.1486



41.1743, 38.3414, 81.3234

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.4468, 38.3414, 30.0465



40.0750, 38.3414, 17.0949



26.6053, 38.3414, 56.1486



33.0362, 38.3414, 82.9972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.4478, 38.3433, 30.0472



81.5558, 80.2076, 82.2175



58.1150, 42.1501, 83.6702



17.1709, 16.7492, 17.0333



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4478, 38.3433, 30.0472



53.3504, 38.8870, 26.2944



56.5371, 54.6399, 32.3801



15.0719, 15.0566, 15.6639



19.0782, 9.8340, 0.9471



1.5004, 0.7731, 0.0863

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.4478, 38.3433, 30.0472



53.3504, 38.8870, 26.2944



44.0279, 48.0066, 85.5431



15.0719, 15.0566, 15.6639



19.0782, 9.8340, 0.9471



1.5004, 0.7731, 0.0863

Previews

White Background



This preview shows how the XYZ color 48.4468, 38.3414, 30.0465 looks on a white background.

Color Contrast Check

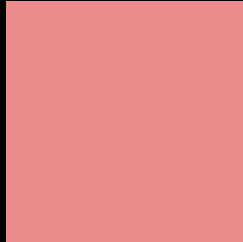
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.4468, 38.3414, 30.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

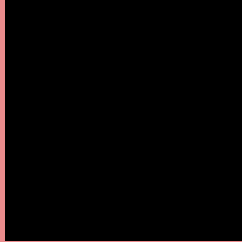
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4468, 38.3414, 30.0465

Background



This preview shows how black text looks on a background with the XYZ color 48.4468, 38.3414, 30.0465.



This preview shows how white text looks on a background with the XYZ color 48.4468, 38.3414,

30.0465.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.4468, 38.3414, 30.0465

Protanopia

36.7025, 38.4898, 36.0667

Deuteranopia

39.0785, 38.2852, 28.9970



Tritanopia

49.2495, 38.4680, 33.2631

Trichromacy



Original Color

48.4468, 38.3414, 30.0465

Protanomaly

40.2467, 38.0196, 33.6511

Deuteranomaly

41.9911, 38.0273, 29.1716

Tritanomaly

49.0130, 38.3734, 32.0177

Monochromacy



Original Color

48.4468, 38.3414, 30.0465

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.4772, 38.2944, 38.0591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4468, 38.3414, 30.0465 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 140, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 48.4468, 38.3414, 30.0465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 140, 141) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 140, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(235, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4468, 38.3414, 30.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 140, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
140, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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